

**APPENDIX A**  
**"CLEAN" VERSION OF EACH PARAGRAPH/SECTION/CLAIM**  
**37 C.F.R. § 1.121(b)(ii) AND (c)(i)**

**CLAIMS (with indication of amended or new):**

A1  
(Amended) 4. The file managing system according to claim 2, wherein the memory unit further includes hash tables in which relationships of hash values of files and managing IDs are recorded, the data processor includes a hash table retrieving means for retrieving the hash tables with hash values of files to be registered and a hash table registering means for registering, if no same content file has been registered in the file memory, the hash values of files to be registered and corresponding managing IDs in the hash tables, and the file content comparing means compares the content of a file corresponding to a managing ID in the case of obtaining identity as a result of the retrieval in the hash table retrieving means and the content of the pertinent file to be registered.

A2  
(Amended) 10. The file managing method according to claim 8, wherein the hash tables are each provided for each file title, in the hash table retrieval each hash table is retrieved for any file having the same file title as a file to be registered, decides, if no same title file has been recorded, that no retrieval result is present, and retrieves, if a same content file has been recorded, the hash table corresponding to the file title of the same title file with the hash value of the file to be registered used as a key value.

(Amended) 11. The file managing method according to claim 8, wherein the hash table is provided for all of file titles.

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Cm.t  
(New) 13. The file managing system according to claim 3, wherein the memory unit further includes hash tables in which relationships of hash values of files and managing IDs are recorded, the data processor includes a hash table retrieving means for retrieving the hash tables with hash values of files to be registered and a hash table registering means for registering, if no same content file has been registered in the file memory, the hash values of files to be registered and corresponding managing IDs in the hash tables, and the file content comparing means compares the content of a file corresponding to a managing ID in the case of obtaining identity as a result of the retrieval in the hash table retrieving means and the content of the pertinent file to be registered.

(New) 14. The file managing system according to claim 13, wherein the hash tables are each provided for each file title, and the hash table retrieving means decides, if no same title file as the file title of the any retrieved file has been registered in the file memory, that no hash table retrieval result is present, and retrieves, if a same title file has been registered in the file memory, the hash table corresponding to the file title of the same title file with the hash value of the pertinent file to be registered used as a key value.

A3  
cancel  
(New) 15. The file managing system according to claim 13, wherein only a single hash table is provided for all file titles.

(New) 16. The file managing method according to claim 9, wherein the hash tables are each provided for each file title, in the hash table retrieval each hash table is retrieved for any file having the same file title as a file to be registered, decides, if no same title file has been recorded, that no retrieval result is present, and retrieves, if a same content file has been recorded, the hash table corresponding to the file title of the same title file with the hash value of the file to be registered used as a key value.

(New) 17. The file managing method according to claim 9, wherein the hash table is provided for all of file titles.

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